LET	ALTERATION	DATE	BY	LET	ALTERATION	DATE	BY
				A	ADDED PBY-5A & OA-10 REQTS TO INCLUDE MAGNETIC MATERIALS IN VICINITY OF PILOTS & CO-PILOTS COMPASS & ADDITIONAL MAGNETIC MATERIALS IN VICINITY OF NAV'S COMPASS AT BLKD. #2.0 & #6.0. CHD. TITLE OF DWG. TO CORRESPOND TO CHANGE.	11-5-41	

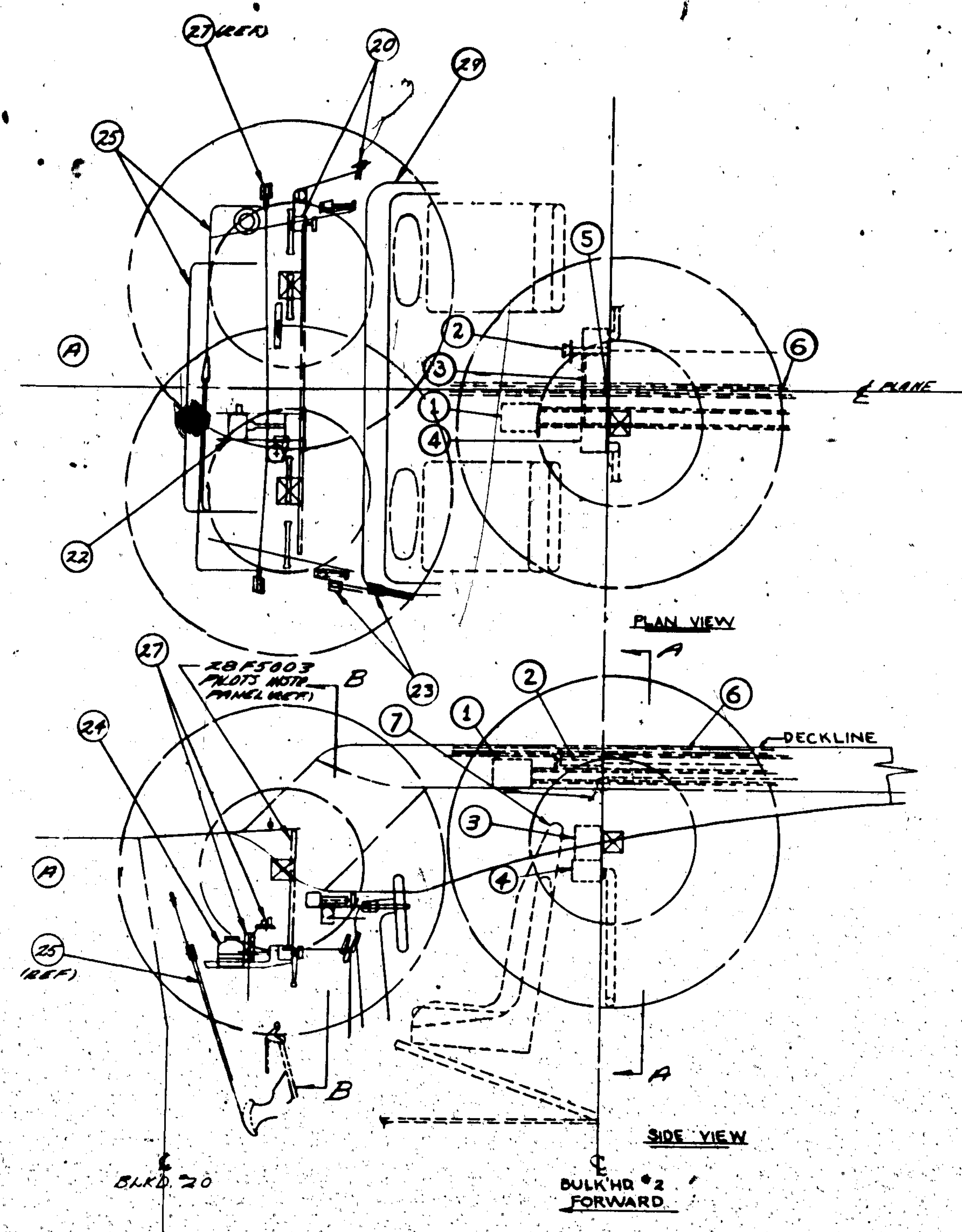
NAVIGATORS COMPASS LOCATION PBY-5, PBY-5A, & OA-10

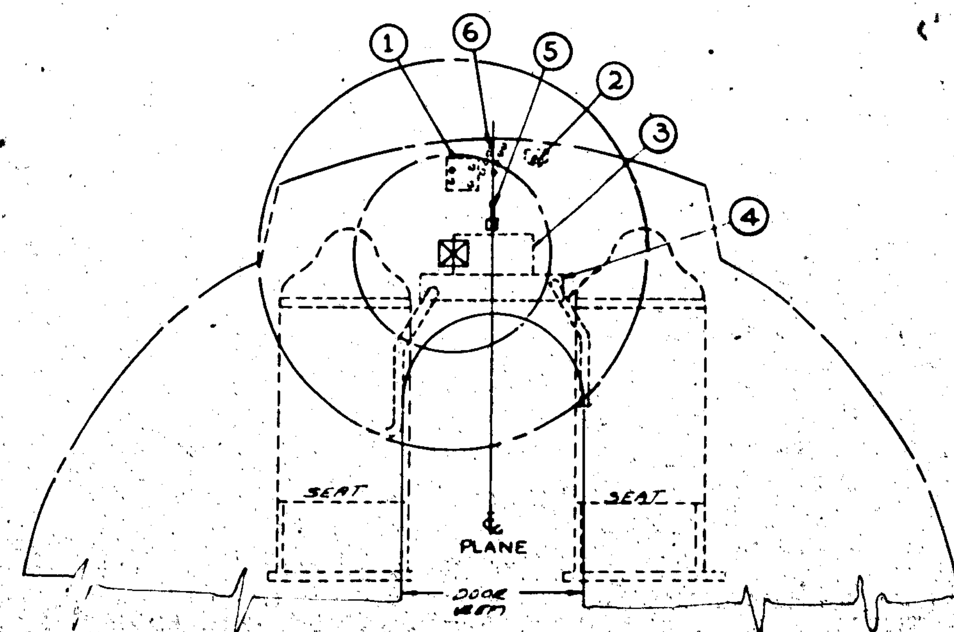
		DISTANCE TO CENTER OF COMPASS (APP)
(1)	FLAP CONTROL GEAR BOX: (28C1070) 6 STEEL BALL BEARING - .16" 6 STEEL SHAFTS - .92 4 STEEL GEARS - .62 MISC STEEL PARTS & FASTENINGS - .10	18
(2)	DE-ICER EQUIP. - DISTRIBUTOR VALVE CONTROL (28F2190) ARENS CONTROL MADE UP OF 1/8" AIRCRAFT CABLE & .051 MUSIC WIRE SPRING.	15
(3)	PILOT'S INTERPHONE CONTROL BOX. (28F5085) INTERNALLY SHIELDED WIRE USED	7½
(4)	PILOT'S SWITCH PANEL ASSEMBLY & CONDUIT (28E1067) HINGE PIN-STEEL - 18" LONG - .03" MISC. STEEL FASTENINGS - .01 25 WIRES IN CONDUIT - 15 AMP MAX. LOAD - STRUCTURAL RETURN	8½
(5)	FLARE RELEASE CABLES & CONTROL (28A1006) BALL BEARING IN PULLEY .08" FLARE RELEASE HANDLE .80 MISC. STEEL FASTENINGS .08 3/32 STEEL CABLE	9¼
(6)	POWER PLANT CABLES (28P5005) 8 CABLES - STEEL - 3/32 × 7 × 7	12
PBY-5A & OA-10 ONLY * (7)	PILOTS ARMORED SEAT INSTALL'N. STEEL ARMOR PLATE.	12

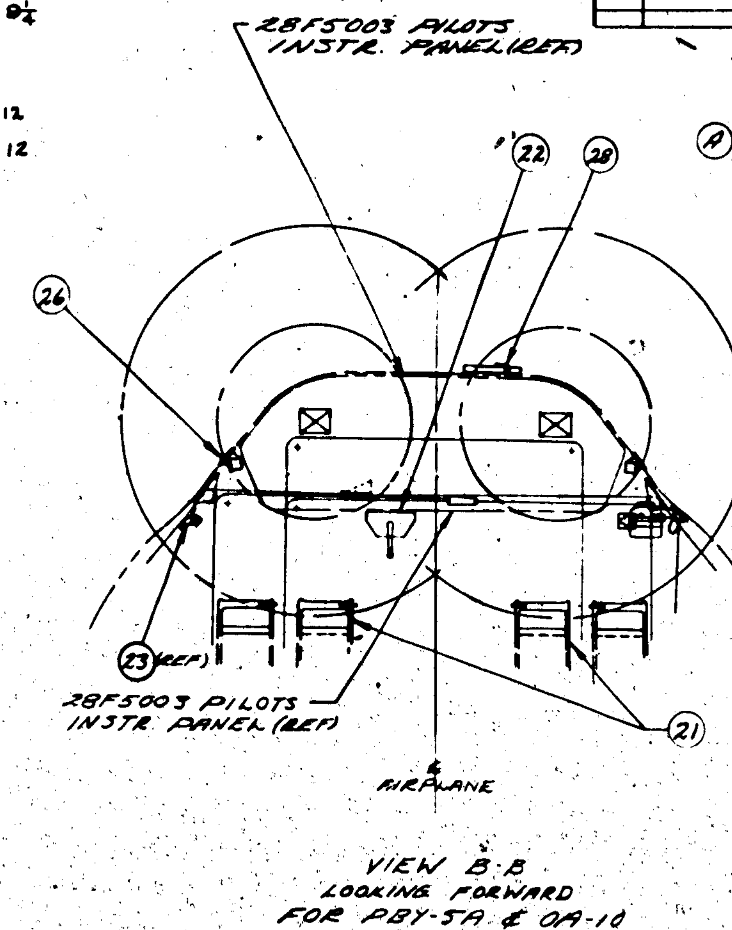
(A)

PILOTS COMPASS LOCATION PBY-5A & OA-10

		DISTANCE TO CENTER OF COMPASS (APP)
(20)	28C5708 BRAKE MECHANISM INSTALL'N 2 STEEL PULLEY BEARINGS 4 STEEL SCREWS, NUTS, & COTTERS 1 1/8 STEEL CABLE (CORR RESISTANT)	15-24 TO CO-PILOTS COMPASS
(21)	28C5526 RUDDER PEDAL INSTALL'N 4 STEEL LOCK PINS 4 STEEL SPRINGS	22
(22)	28F6548 LANDING GEAR SELECTOR VALVE 1 LARGE SHAFT, NUT & COTTER PIN " SHAFT IS CORR RESISTANT STEEL 1 LARGE SHAFT BEARING (STEEL) 5 HYD FITTINGS (STEEL) 6 STEEL SCREWS	15 TO PILOTS COMPASS
(23)	28C4060 RUDDER LOCK INSTALL'N 1 STEEL PIN & NUT 1 STEEL SPRING 2 STEEL SCREWS & NUTS 1 1/8 STEEL CABLE (CORR RESISTANT) 1 STEEL PULLEY BEARING	16-22 TO PILOTS COMPASS
(24)	PILOTS WINDSHIELD SPRAY CLEANER INSTALL'N (28B5762) 1 STEEL BAND, SCREW & NUT 1 STEEL BOTTLE CAP	15 TO CO-PILOTS COMPASS
(25)	RUDDER PEDAL & CONTROLS INSTALL'N (28C5526) 7 STEEL BOLTS & NUTS 4 STEEL GUARD PINS & COTTERS 1/8 RUDDER RUN AROUND CABLES CABLES ARE CORR RESISTANT STEEL	15-24
(26)	28B1269 PILOTS VENTILATOR INSTALL'N 2 STEEL SCREWS 2 STEEL CHECK NUTS 1 STEEL COTTER PIN BOTH SIDES AIRPLANE	14
(27)	28A1015 EMER BOMB RELEASE INSTALL'N 3 STEEL BOLTS & NUTS 3 STEEL PULLEY BEARINGS 1/8 STEEL CABLE (CORR RESISTANT)	12-24
(28)	28F7014 PILOTS, CO-PILOTS WINDSHIELD DEFROSTER 1 STEEL BUTTERFLY SHUTOFF	12 TO CO-PILOTS COMPASS
(29)	28C003 CONTROL YOKE ASSY. 10 STEEL BOLTS, NUTS, & COTTERS MISC STEEL SCREWS 4 LARGE STEEL BEARINGS 4 LARGE STEEL NUTS 3/16 STEEL CABLE (CORR RESISTANT) 9 ELEC SWITCHES & MISC PARTS	8-24







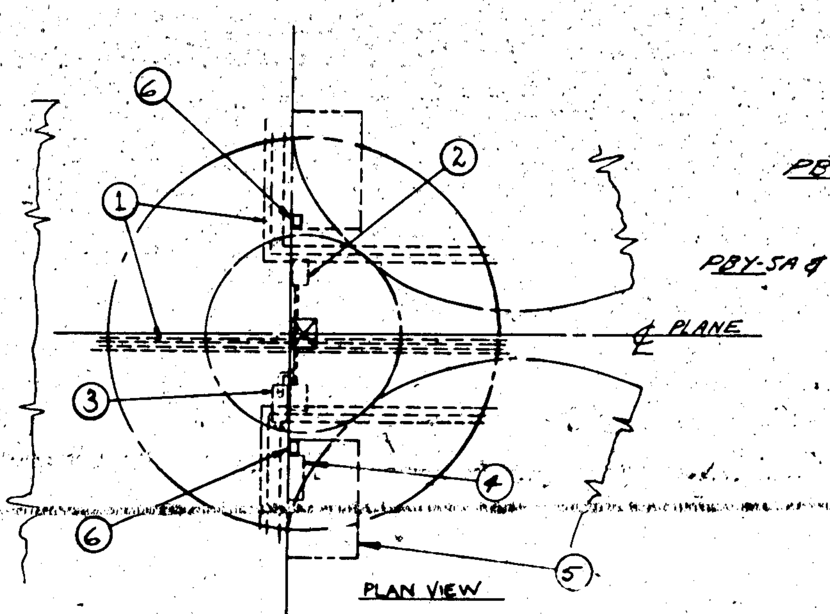
MAGNETIC MATERIAL IN VICINITY OF COMPASS MOUNTING ON BULK'HD #2

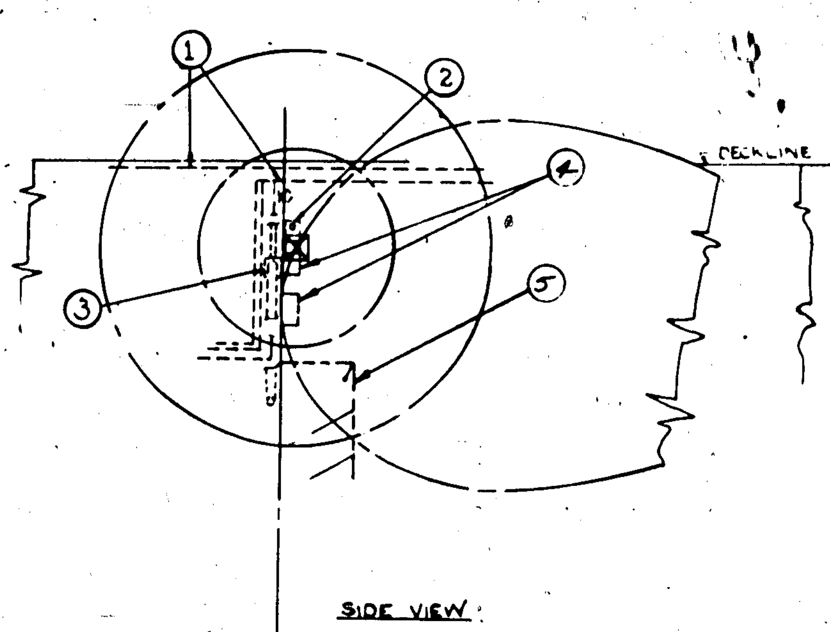
℄ ON PILOTS INSTR PANEL

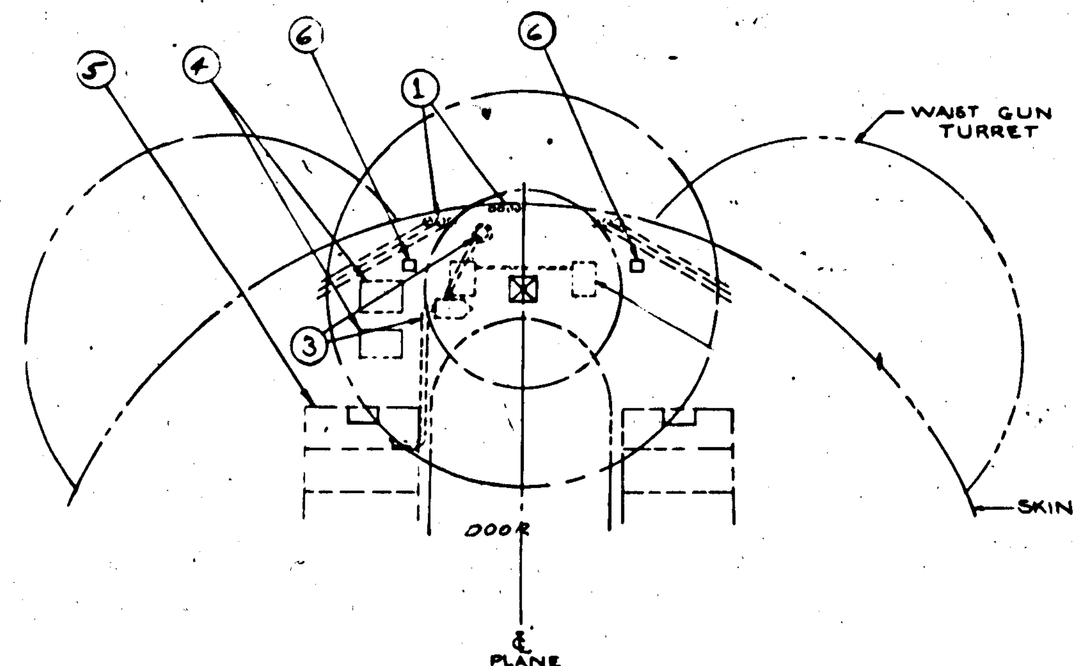
NOTES:
CIRCLES REPRESENT SPHERES OF 12 & 24 INCH RADII, CENTERED ON COMPASS LOCATIONS

FOR BLKD #2.0 COMPASS MOUNT SEE DWG. 28F2535
FOR PILOTS & CO-PILOTS COMPASS SEE DWG 28F5003

			DISTANCE TO CENTER OF COMPASS (APP)
(A) PBY-5	(1)	CONTROL CABLES: (28C5000) 4 STEEL TAB CABLES - 3/32 × 7 × 7 6 STEEL RUDDER & ELEVATOR CABLES - 3/16 × 7 × 19	11
PBY-5	(2)	INTERPHONE STATION BOXES (28F5085) INTERNALLY SHIELDED WIRE USED	8
PBY-5	(3)	CONDUIT INSTALL. - SWITCH BOX FOR LIGHT & OUTLET (28E1013) 8 WIRES IN CONDUIT - 5 AMP MAX. LOAD - STRUCTURAL RETURN	9
PBY-5A & OA-10	(4)	28A5100 VERYS PISTOL AMM. CONTAINER INSTALL'N 2 SMALL STEEL CHAINS 2 LARGE COTTER PINS	16-18
PBY-5A & OA-10	(5)	28F5863 WAIST GUN AMM STOWAGE INSTALL'N 2 STEEL MAGAZINE CLIPS	23
PBY-5A & OA-10	(6)	28E1013 FLASH LIGHT STOWAGE CLIPS (SEE VIEW D-D) 2 STEEL FLASH LIGHT HOLDER CLIPS	15







MAGNETIC MATERIAL IN VICINITY OF COMPASS MOUNTING ON BULK'HD #6

NOTE:
FOR COMPASS MOUNT ON BLKD. #6.0 SEE DWG. 28F2535

H 514

MODEL	
PBY-5A	
PBY-5	

REQUIREMENTS FOR AIRPLANE

SCALE 1" = 1'-0"

PART No	STOCK	MATERIAL	SPEC.	-0	-2	-3	-4	-5

PARTS LIST PER ASSY.

NAVY None — FINISH None

NAME: MAGNETIC MATERIALS IN VICINITY OF PILOTS, CO-PILOTS & NAV'S COMPASS LOCATIONS

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO, CALIF.

J 28Z5013